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4 **BEFORE THE STATE WATER**
5 **RESOURCES CONTROL BOARD**
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8 In the Matter of the State Water Resources)
9 Control Board (State Water Board)) Hearing Date: July 23-25, 2008
10 Hearing to Determine whether to Adopt a)
11 Draft Cease & Desist Order against)
12 California American Water Regarding its) Carmel River in Monterey County
13 Diversion of Water from the Carmel River)
14 in Monterey County under Order WR 95-10)
15 _____)

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17 **EXHIBIT MPWMD-KU8A**

18 **MONTEREY PENINSULA WATER MANAGEMENT DISTRICT**

19 **ESTIMATES OF HOW THE CEASE AND DESIST ORDER MIGHT HAVE**
20 **AFFECTED THE EXTENT OF CONTINUOUS STREAMFLOW IN THE LOWER**
21 **CARMEL RIVER DURING THE CRITICALLY DRY WATER YEAR 2007 WITH THE**
22 **RIVER FRONT AT RIVER MILE 8.40**
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Estimates of How the Cease & Desist Order Might Have Affected the Extent of Continuous Streamflow in the Lower Carmel River
During the Critically Dry Water Year 2007 With the River Front at RM 8.40

Current AF
Allocated
11,285

AF for Yrs 2008-2010	AF of 1st Reduction	Annual Daily Flow Increase CFS/Day	May - October High Demand Season Flow Increase CFS/day	Wells Past Which Flow Might Be Extended By C&DO Diversion Reductions					
				Berwick #8	Begonia #2	Manor #2	Schulte	Pearce	Cypress
9,592	1,693	2.3	4.6	Y & Y (~+0.18m)	N & N	N & N	N & N	N & N	N & N
AF for Yrs 2010-2012	AF of 2nd Reduction	Annual Daily Flow Increase CFS/Day	May - October High Demand Season Flow Increase CFS/day	Wells Past Which Flow Might Be Extended By C&DO Diversion Reductions					
				Berwick #8	Begonia #2	Manor #2	Schulte	Pearce	Cypress
9,028	2,257	3.1	6.2	Y & Y (~+0.18m)	N & Y (~+0.63m)	N & N	N & N	N & N	N & N
AF for Yrs 2012-2014	AF of 3rd Reduction	Annual Daily Flow Increase CFS/Day	May - October High Demand Season Flow Increase CFS/day	Wells Past Which Flow Might Be Extended By C&DO Diversion Reductions					
				Berwick #8	Begonia #2	Manor #2	Schulte	Pearce	Cypress
7,335	3,950	5.5	10.8	Y & Y (~+0.18m)	N & Y (~+0.63m)	N & Y (~+1.25m)	N & Y (~+1.90m)	N & N	N & N
AF for Yrs 2014+	AF of 4th Reduction	Annual Daily Flow Increase CFS/Day	May - October High Demand Season Flow Increase CFS/day	Wells Past Which Flow Might Be Extended By C&DO Diversion Reductions					
				Berwick #8	Begonia #2	Manor #2	Schulte	Pearce	Cypress
5,642	5,643	7.8	15.5	Y & Y (~+0.18m)	Y & Y (~+0.63m)	Y & Y (~+1.25m)	N & Y (~+1.90m)	N & Y (~+2.72m)	N & N
Full Compliance With WRO 95-10	AF of Last Reduction	Annual Daily Flow Increase CFS/Day	May - October High Demand Season Flow Increase CFS/day	Wells Past Which Flow Might Be Extended By C&DO Diversion Reductions					
				Berwick #8	Begonia #2	Manor #2	Schulte	Pearce	Cypress
3,376	7,909	10.9	21.7	Y & Y (~+0.18m)	Y & Y (~+0.63m)	Y & Y (~+1.25m)	Y & Y (~+1.90m)	N & Y (~+2.72m)	N & Y (~+2.99m)

March 2007 CAW Well Diversion Capacity

Well	CFS/Day	River Mile Location	Cumulative Effect on Flows
Berwick #8	1.55	8.22	1.55 cfs
Begonia #2	4.18	7.77	5.73 cfs
Manor #2	1.59	7.15	7.32 cfs
Schulte	3.5	6.5	10.82 cfs
Pearce	3.99	5.68	14.81 cfs
Cypress	3.7	5.41	18.51 cfs
San Carlos	1.63	3.69	22.20 cfs
Canada	4.12	3.13	25.33 cfs